

The API that Lists Teachers:

```
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/ListTeachers"
[{"teacherId":1,"teacherFname":"Alexander","teacherLname":"Bennett","employeeNumber":"T378","hireDate":"2016-08-05T00:00:00","salary":
"$55.30","courseList":["Web Application Development"]}, {"teacherId":2,"teacherFname":"Caitlin","teacherLname":"Cummings","employeeNumb
er":"T381","hireDate":"2014-06-10T00:00:00","salary":"$62.77","courseList":["Project Management, Security & Quality Assurance"]}, {"teac
herId":3,"teacherFname":"Linda","teacherLname":"Chan","employeeNumber":"T382","hireDate":"2015-08-22T00:00:00","salary":"$60.22","cou
rseList":["Web Application Development 2"]}, {"teacherId":4,"teacherFname":"Lauren","teacherLname":"Smith","employeeNumber":"T385","hire
Date":"2014-06-22T00:00:00","salary":"$74.20","courseList":["XML and Web Services"]}, {"teacherId":5,"teacherFname":"Jessica","teacherLn
ame":"Morris","employeeNumber":"T389","hireDate":"2012-06-04T00:00:00","salary":"$48.62","courseList":["Web Programming, Mobile Develo
pment"]}, {"teacherId":6,"teacherFname":"Thomas","teacherLname":"Hawkins","employeeNumber":"T393","hireDate":"2016-08-10T00:00:00","sal
ary":"$54.45","courseList":["Career Connections"]}, {"teacherId":7,"teacherFname":"Shannon","teacherLname":"Barton","employeeNumber":"T3
97","hireDate":"2013-08-04T00:00:00","salary":"$64.70","courseList":["Digital Design"]}, {"teacherId":8,"teacherFname":"Dana","teacherLn
ame":"Ford","employeeNumber":"T401","hireDate":"2014-06-26T00:00:00","salary":"$71.15","courseList":["Web Information Architecture, Da
tabase Development"]}, {"teacherId":9,"teacherFname":"Cody","teacherLname":"Holland","employeeNumber":"T403","hireDate":"2016-06-13T00:
00:00","salary":"$43.20","courseList":[""]}, {"teacherId":10,"teacherFname":"John","teacherLname":"Taram","employeeNumber":"T505","hireD
ate":"2015-10-23T00:00:00","salary":"$79.63","courseList":["Massage Therapy"]}]
```

The web page that displays all teachers:

[cumulative1](#) [Home](#) [Privacy](#) [API](#) [TeacherList](#) [StudentList](#) [CourseList](#)

### Teacher List

Alexander Bennett	Caitlin Cummings	Linda Chan	Lauren Smith
Jessica Morris	Thomas Hawkins	Shannon Barton	Dana Ford
Cody Holland	John Taram		

### Search a Teacher by their Hire Date within a range

Please input a range.

Start:

End:

Confirm

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The API that Finds a Teacher by the Teacher’s ID:

```
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/1"
{"teacherId":1,"teacherFname":"Alexander","teacherLname":"Bennett","employeeNumber":"T378","hireDate":"2016-08-05T00:00:00","salary":
"$55.30","courseList":["Web Application Development"]}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/100"
{"teacherId":100,"teacherFname":"Teacher Not Found","teacherLname":"Teacher Not Found","employeeNumber":"Teacher Not Found","hireDate
":"0001-01-01T00:00:00","salary":"Teacher Not Found","courseList":["Teacher Not Found"]}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/-1"
{"teacherId":-1,"teacherFname":"Teacher Not Found","teacherLname":"Teacher Not Found","employeeNumber":"Teacher Not Found","hireDate
":"0001-01-01T00:00:00","salary":"Teacher Not Found","courseList":["Teacher Not Found"]}
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Teacher/FindTeacher/10"
{"teacherId":10,"teacherFname":"John","teacherLname":"Taram","employeeNumber":"T505","hireDate":"2015-10-23T00:00:00","salary":"$79.6
3","courseList":["Massage Therapy"]}
```

The web page that displays a teacher:

The website that display the searching result of the teachers between 2014-01-01 and 2015-12-31:

Teacher List

Caitlin Cummings

Linda Chan

Lauren Smith

Dana Ford

John Taram

Search a Teacher by their Hire Date within a range

Please input a range.

Start: yyyy-mm-dd

End: yyyy-mm-dd

Confirm

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The API that Lists Students:

```
C:\Users\tongk> curl -X GET "https://localhost:7293/api/Student/ListStudents"
[{"studentId":1,"studentFname":"Sarah","studentLname":"Valdez","studentNumber":"N1678","enrolDate":"2018-06-18"}, {"studentId":2,"studentFname":"Jennifer","studentLname":"Faulkner","studentNumber":"N1679","enrolDate":"2018-08-02"}, {"studentId":3,"studentFname":"Austin","studentLname":"Simon","studentNumber":"N1682","enrolDate":"2018-06-14"}, {"studentId":4,"studentFname":"Mario","studentLname":"English","studentNumber":"N1686","enrolDate":"2018-07-03"}, {"studentId":5,"studentFname":"Elizabeth","studentLname":"Murray","studentNumber":"N1690","enrolDate":"2018-07-12"}, {"studentId":6,"studentFname":"Kevin","studentLname":"Williams","studentNumber":"N1691","enrolDate":"2018-08-04"}, {"studentId":7,"studentFname":"Jason","studentLname":"Freeman","studentNumber":"N1694","enrolDate":"2018-08-16"}, {"studentId":8,"studentFname":"Nicole","studentLname":"Armstrong","studentNumber":"N1698","enrolDate":"2018-07-10"}, {"studentId":9,"studentFname":"Colleen","studentLname":"Riley","studentNumber":"N1702","enrolDate":"2018-07-15"}, {"studentId":10,"studentFname":"Julie","studentLname":"Salazar","studentNumber":"N1705","enrolDate":"2018-07-10"}, {"studentId":11,"studentFname":"Dr.","studentLname":"Bridges","studentNumber":"N1709","enrolDate":"2018-08-22"}, {"studentId":12,"studentFname":"Vanessa","studentLname":"Cox","studentNumber":"N1712","enrolDate":"2018-08-17"}, {"studentId":13,"studentFname":"Denise","studentLname":"Jackson","studentNumber":"N1714","enrolDate":"2018-07-26"}, {"studentId":14,"studentFname":"Roy","studentLname":"Davidson","studentNumber":"N1715","enrolDate":"2018-08-11"}, {"studentId":15,"studentFname":"Ryan","studentLname":"Walters","studentNumber":"N1717","enrolDate":"2018-07-25"}, {"studentId":16,"studentFname":"Patricia","studentLname":"Sweeney","studentNumber":"N1719","enrolDate":"2018-08-08"}, {"studentId":18,"studentFname":"Melissa","studentLname":"Morales","studentNumber":"N1723","enrolDate":"2018-08-10"}, {"studentId":19,"studentFname":"Kimberly","studentLname":"Johnson","studentNumber":"N1727","enrolDate":"2018-08-02"}, {"studentId":20,"studentFname":"Andrea","studentLname":"Flores","studentNumber":"N1731","enrolDate":"2018-07-09"}, {"studentId":21,"studentFname":"Jason","studentLname":"II","studentNumber":"N1732","enrolDate":"2018-06-05"}, {"studentId":22,"studentFname":"David","studentLname":"Dunlap","studentNumber":"N1734","enrolDate":"2018-08-27"}, {"studentId":23,"studentFname":"Elizabeth","studentLname":"Thompson","studentNumber":"N1736","enrolDate":"2018-08-07"}, {"studentId":24,"studentFname":"Becky","studentLname":"Medina","studentNumber":"N1737","enrolDate":"2018-07-02"}, {"studentId":25,"studentFname":"Wayne","studentLname":"Collins","studentNumber":"N1740","enrolDate":"2018-07-20"}, {"studentId":26,"studentFname":"Nicole","studentLname":"Henderson","studentNumber":"N1742","enrolDate":"2018-06-07"}, {"studentId":27,"studentFname":"David","studentLname":"Larson","studentNumber":"N1744","enrolDate":"2018-07-19"}, {"studentId":28,"studentFname":"John","studentLname":"Reed","studentNumber":"N1748","enrolDate":"2018-08-15"}, {"studentId":29,"studentFname":"Richard","studentLname":"King","studentNumber":"N1751","enrolDate":"2018-08-17"}, {"studentId":30,"studentFname":"Alexander","studentLname":"Bennett","studentNumber":"N1752","enrolDate":"2018-07-29"}, {"studentId":31,"studentFname":"Caitlin","studentLname":"Cummings","studentNumber":"N1756","enrolDate":"2018-08-02"}, {"studentId":32,"studentFname":"Christine","studentLname":"Bittle","studentNumber":"N0001","enrolDate":"2020-10-05"}]
```

The web page that displays all students:

# Student List

- 1 Sarah Valdez N1678 2018-06-18
- 2 Jennifer Faulkner N1679 2018-08-02
- 3 Austin Simon N1682 2018-06-14
- 4 Mario English N1686 2018-07-03
- 5 Elizabeth Murray N1690 2018-07-12
- 6 Kevin Williams N1691 2018-08-04
- 7 Jason Freeman N1694 2018-08-16
- 8 Nicole Armstrong N1698 2018-07-10
- 9 Colleen Riley N1702 2018-07-15
- 10 Julie Salazar N1705 2018-07-10
- 11 Dr. Bridges N1709 2018-08-22
- 12 Vanessa Cox N1712 2018-08-17
- 13 Denise Jackson N1714 2018-07-26
- 14 Roy Davidson N1715 2018-08-11
- 15 Ryan Walters N1717 2018-07-25
- 16 Patricia Sweeney N1719 2018-08-08
- 18 Melissa Morales N1723 2018-08-10
- 19 Kimberly Johnson N1727 2018-08-02
- 20 Andrea Flores N1731 2018-07-09
- 21 Jason II N1732 2018-06-05
- 22 David Dunlap N1734 2018-08-27
- 23 Elizabeth Thompson N1736 2018-08-07
- 24 Becky Medina N1737 2018-07-02
- 25 Wayne Collins N1740 2018-07-20
- 26 Nicole Henderson N1742 2018-06-07
- 27 David Larson N1744 2018-07-19
- 28 John Reed N1748 2018-08-15
- 29 Richard King N1751 2018-08-17
- 30 Alexander Bennett N1752 2018-07-29
- 31 Caitlin Cummings N1756 2018-08-02
- 32 Christine Bittle N0001 2020-10-05

## The API that Lists Courses:

```
C:\Users\tongk>curl -X GET "https://localhost:7293/api/Course/ListCourses"
[{"courseId":1,"courseCode":"http5101","teacherId":1,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Web Application Development"}, {"courseId":2,"courseCode":"http5102","teacherId":2,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Project Management"}, {"courseId":3,"courseCode":"http5103","teacherId":5,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Web Programming"}, {"courseId":4,"courseCode":"http5104","teacherId":7,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Digital Design"}, {"courseId":5,"courseCode":"http5105","teacherId":8,"startDate":"2018-09-04","finishDate":"2018-12-14","courseName":"Database Development"}, {"courseId":6,"courseCode":"http5201","teacherId":2,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Security & Quality Assurance"}, {"courseId":7,"courseCode":"http5202","teacherId":3,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Web Application Development 2"}, {"courseId":8,"courseCode":"http5203","teacherId":4,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"XML and Web Services"}, {"courseId":9,"courseCode":"http5204","teacherId":5,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Mobile Development"}, {"courseId":10,"courseCode":"http5205","teacherId":6,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Career Connections"}, {"courseId":11,"courseCode":"http5206","teacherId":8,"startDate":"2019-01-08","finishDate":"2019-04-27","courseName":"Web Information Architecture"}, {"courseId":12,"courseCode":"PHYS2203","teacherId":10,"startDate":"2019-09-04","finishDate":"2019-12-14","courseName":"Massage Therapy"}]
```

## The web page that displays all courses:

## Course List

- 1 http5101 1 2018-09-04 2018-12-14 Web Application Development
- 2 http5102 2 2018-09-04 2018-12-14 Project Management
- 3 http5103 5 2018-09-04 2018-12-14 Web Programming
- 4 http5104 7 2018-09-04 2018-12-14 Digital Design
- 5 http5105 8 2018-09-04 2018-12-14 Database Development
- 6 http5201 2 2019-01-08 2019-04-27 Security & Quality Assurance
- 7 http5202 3 2019-01-08 2019-04-27 Web Application Development 2
- 8 http5203 4 2019-01-08 2019-04-27 XML and Web Services
- 9 http5204 5 2019-01-08 2019-04-27 Mobile Development
- 10 http5205 6 2019-01-08 2019-04-27 Career Connections
- 11 http5206 8 2019-01-08 2019-04-27 Web Information Architecture
- 12 PHYS2203 10 2019-09-04 2019-12-14 Massage Therapy